



FAN EQUIPMENT CO, INC.



Designers and Builders of Heavy Duty Air Moving Equipment

Fan Equipment Co., Inc.
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CONSTRUCTION FEATURES & OPTIONS

Large gasketed access doors

Integral inlet box

Continuously welded, heavy plate flanges

Single thickness airfoil impeller with aerodynamic inlet bell

Low leakage carbon ring shaft seals

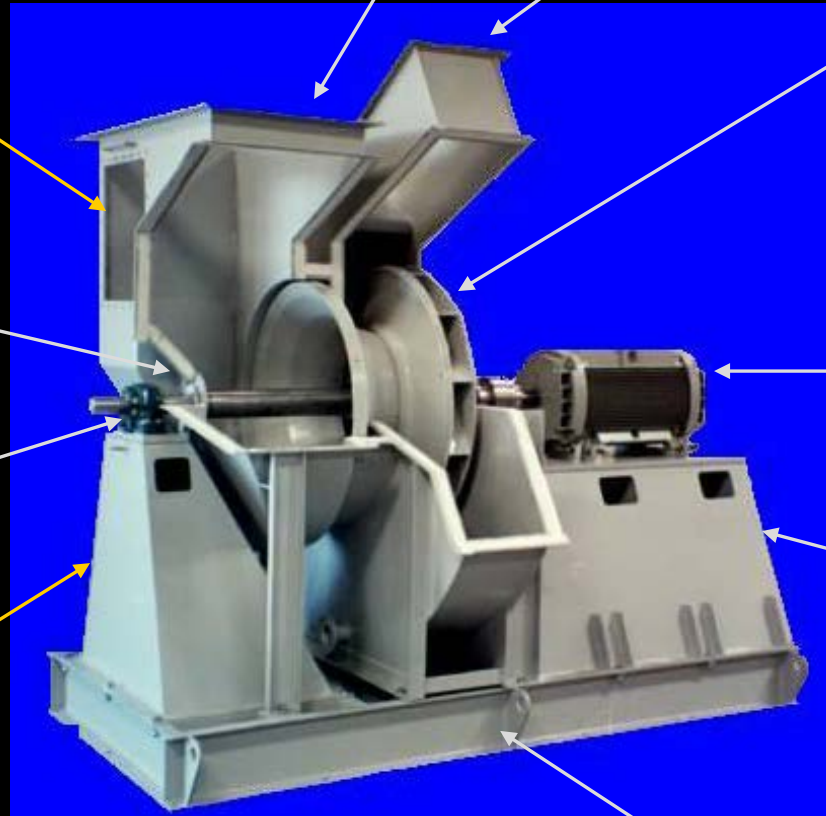
High efficiency drive motor

Split pillow block roller bearings

Reinforced plate support base

Independent pedestals

Heavy structural steel channel base with lifting lugs



HPS PRESSURE BLOWER FOR 1000° F



1000° F
construction

Internal
centerline
supports

Double wall
thermally
insulated
housing.

Inconel 625
rotor.

RA330 Fan
housing.

BISC HIGH PRESSURE AIRFOIL BLOWER

Featured with:

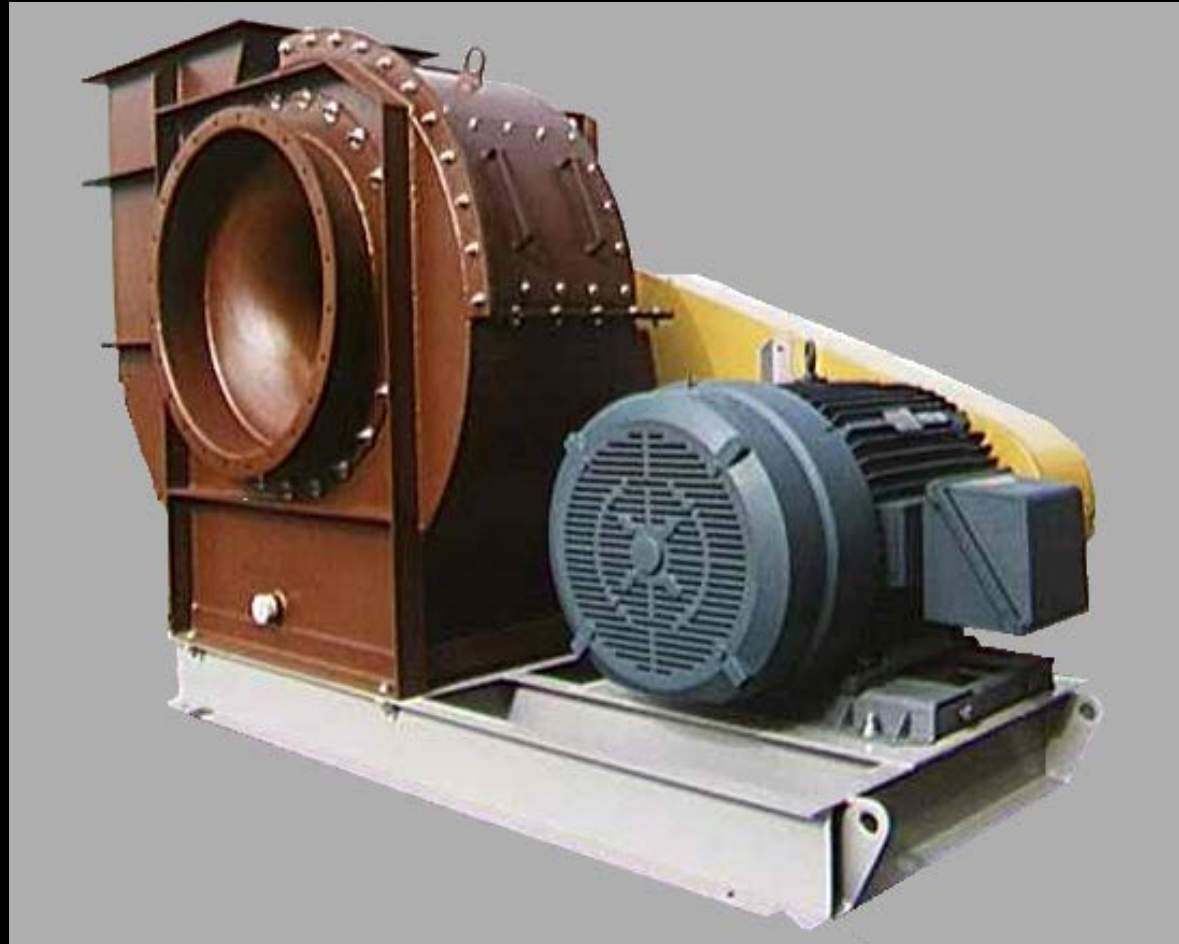
Baked Heresite phenolic coating for corrosion protection.

PTFE gaskets.

Low leakage carbon ring shaft seals.

Structural Base,

200 HP V-belt drive and drive motor.



INLET FILTER / SILENCER FORCED DRAFT BLOWER



Featured with:

High Capacity Pleated Filter Bank.

Filter Access Door.

Low leakage carbon ring shaft seals.

Structural Base,

200 HP V-belt drive and drive motor.

HIGH PRESSURE VARIABLE INLET VANE DAMPER WITH ELECTRIC ACTUATOR & POSITIONER

Shown with:

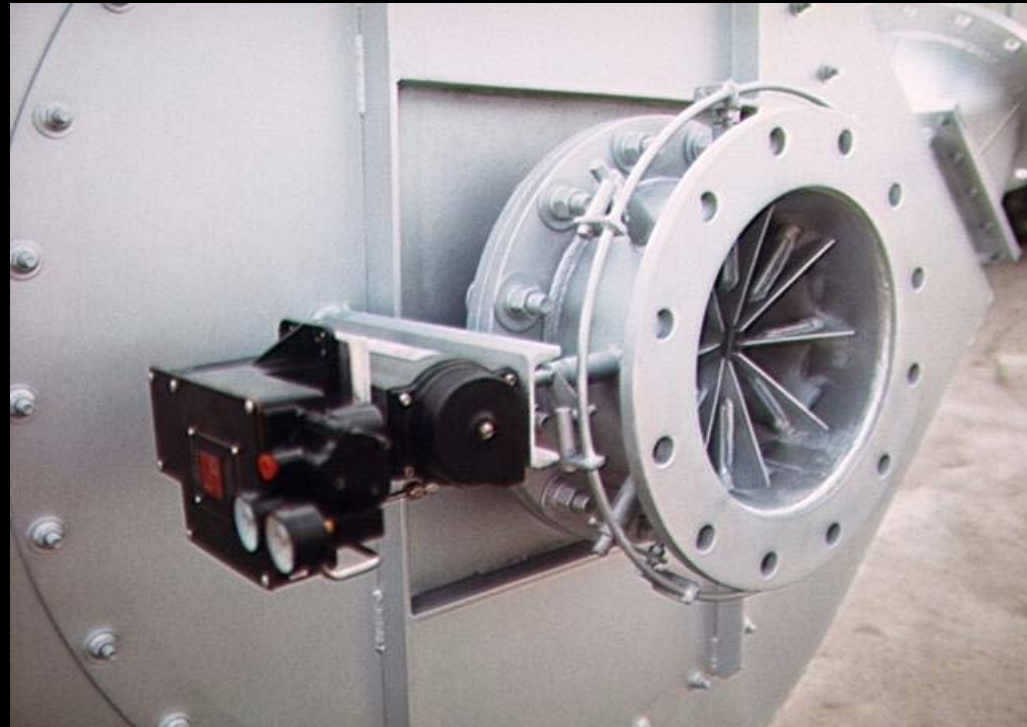
Externally Flanged, High Efficiency Pre-Spin Variable Damper Guide Vane section.

NEMA 4 Electric Actuator.

Actuator Position Indicator.

Discharge Square to Round Transition.

Inlet Plate with PTFE Gasketing



IN-LINE CENTRIFUGAL FAN/COIL ASSEMBLY



**Arr. 9 In-Line
centrifugal fan.**

**Inlet & outlet flex
connections.**

Spring isolators.

**Aerofin Type C
cooling coil.**

**Galvanized steel
coil section &
transition.**

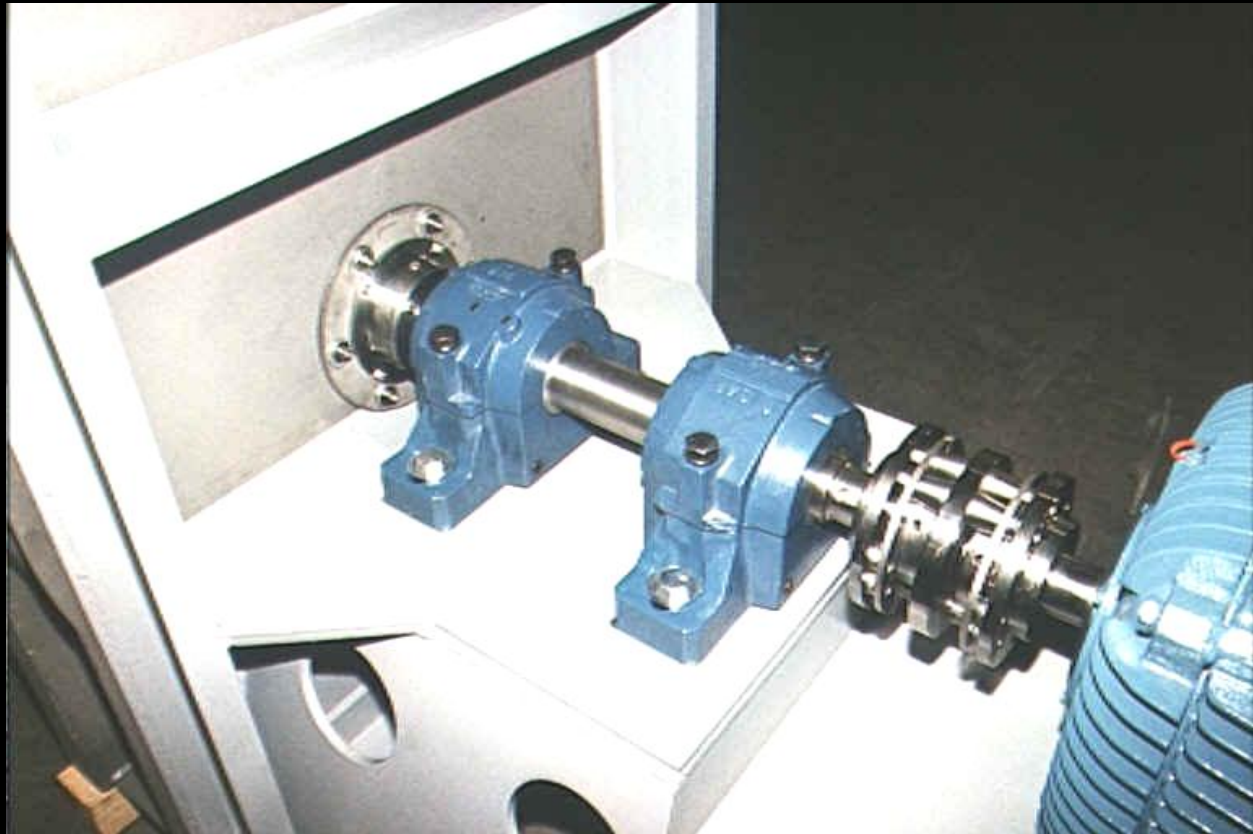
**Structural steel
common channel
base.**

HPS PRESSURE BLOWER DRIVE TRAIN

John Crane
double carbon
ring shaft seal.

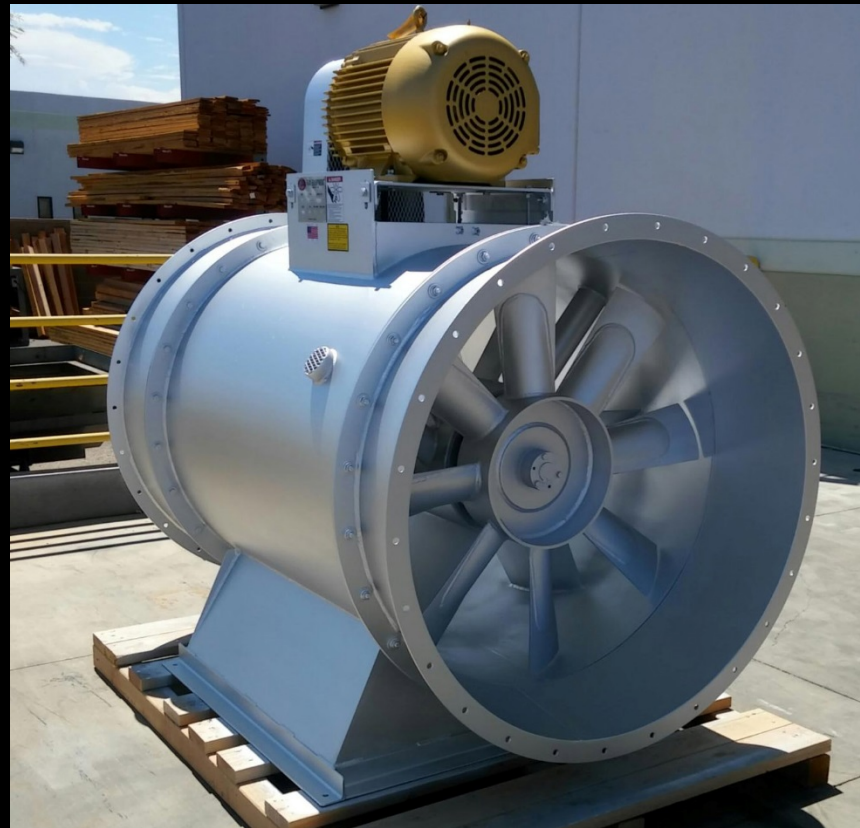
SKF double row
ball bearings.

Thomas DBZ
flexible coupling
with SST disks.



BELT DRIVEN VANE AXIAL FAN

Available with:
Stainless Steel
Construction.
Special Coatings.
Food Grade Construction
Special Motors.
Horizontal or Vertical
Mountings.



BCAF DOUBLE THICKNESS AIRFOIL FAN WITH SPLIT HOUSING & NESTED VARIABLE INLET VANE DAMPER

Available with:

Special Alloy

Access Doors.

Shaft Seals.

Dampers.

Inlet / Discharges
Flanges.

Drain Couplings.

Special Coatings.

Special Motors.



SIZE 730 BISC HOUSINGS FOR 750 HP & 500° F OPERATION



Featured with:

AMCA Class IV Heavy Duty Construction.

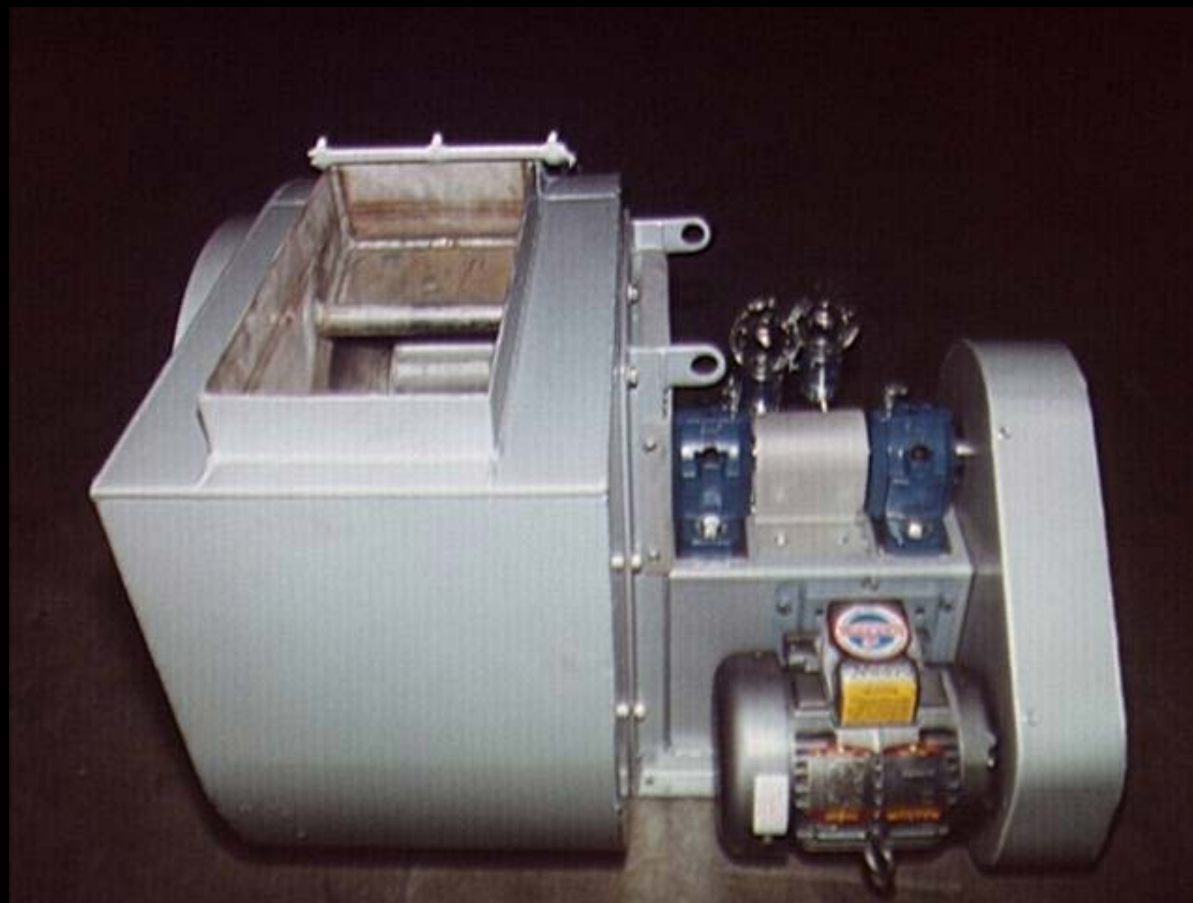
Scroll / Housing removable with out disturbing Motor and Drive Assembly.

Gusseted Housings.



HIGH TEMPERATURE FORWARD CURVE FAN

- 1000° F design.
- Double wall thermally insulated housing.
- RA330 SST wheel.
- 316 SST inner housing & fan shaft.
- Oil lube bearings with TRICO oilers.



BCS INLET FILTER/SILENCER SKID PACKAGE

Type BCS backward curved blower.

Inlet Filter / Silencer

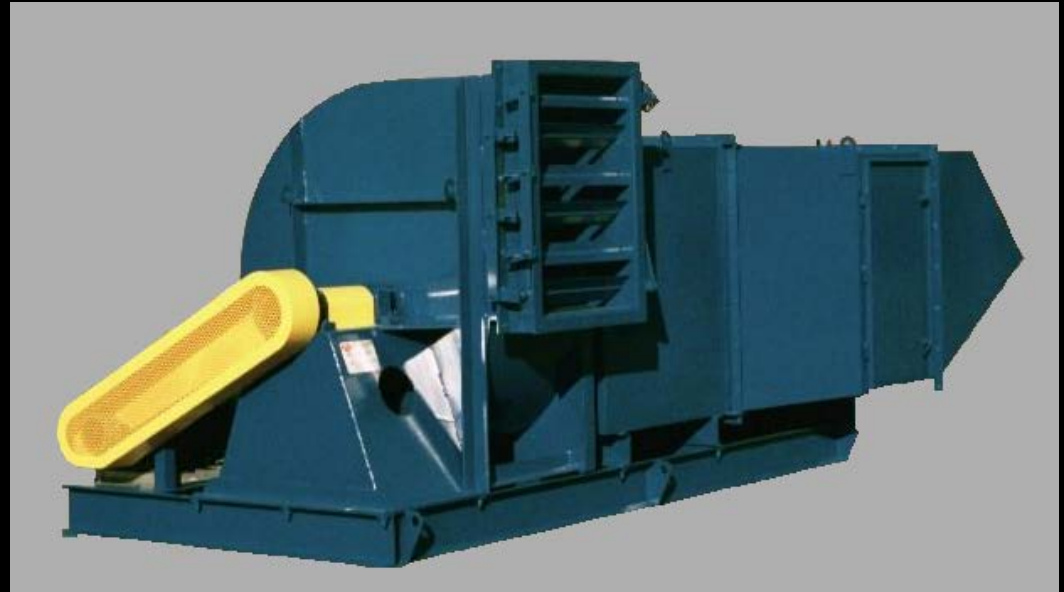
Factory fabricated filter section with High Capacity Pleated Filters.

Inlet rain hood & screen.

Common structural steel channel base.

Outlet Damper.

High Efficiency AC Motor.



HIGH PRESSURE INDUSTRIAL EXHAUSTER & BISC FANS FOR FIBERGLASS MANUFACTURING

Special over size access doors with cam action fasteners.

Single carbon ring shaft seals.

Heavy split pillow block roller bearings with Dustac seals.

Split removable/hinged scroll sections.



GAS TIGHT HPS PRESSURE BLOWER

Continuously welded
inside & outside
housing seams

John Crane double
carbon ring shaft
seals

QuimFlex PTFE
gaskets

SST disk spacer
coupling

AMCA "C" Spark
Resistant
construction with
Monel metallurgy



316 SST HPS PRESSURE BLOWER WITH INLET BOX



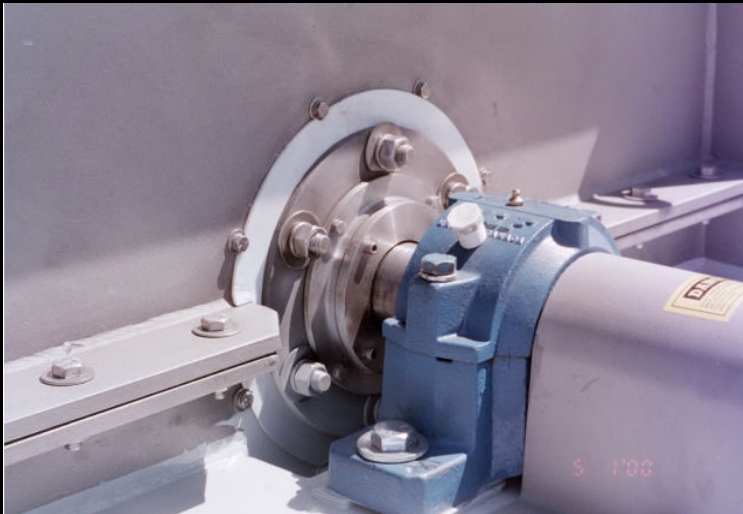
**Direct Coupled with
Dodge Paraflex Drive
Coupling**

**Split Housing design for
rapid inspection or
service on impeller.**

**Independently
supported 90 Deg. Inlet
Box.**

**Available in Steel,
Stainless Steel,
Abrasion Resistant
Materials, and or
Special Coatings.**

**GAS TIGHT CONSTRUCTION FOR
SPLIT HOUSING DESIGN WITH JOHN
CRANE CARBON RING SHAFT SEAL &
QUIMFLEX PTFE GASKETS**



**FACTORY MOUNTED ZERO
SPEED SWITCH PROBE**

